**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pre-Algebra Quiz 2 September 23, 2014**

**SHOW ALL WORK!**

**Note: This is a practice quiz for Tuesday’s real quiz! You do NOT have to complete this worksheet this weekend. You were given your weekend homework last Monday. This practice quiz is longer than the real quiz. Have a great weekend! No calculators will be allowed on Tuesday’s quiz!**

Simplify the following expressions. (Standard- Order of Operations)

1.)  2.)  3.) 

4.)  5.)  6.) 

Evaluate each expression. (Standard- Evaluating expressions)

7.) Let *a* = 3, *b* = 6, *c* = 5 8.) Let *a* = –2, *b* = –3, *c* = 4 9.) Let *a* = 10, *b* = –2, and *c* = 9

Simplify each expression. (Standard- Integers and Absolute Value)

10.)  11.)  12.) 

Find the distance between the following sets of numbers on the number line.

13.)  and  14.)  and 

Simplify each expression. (Standard- Adding and Subtracting Integers)

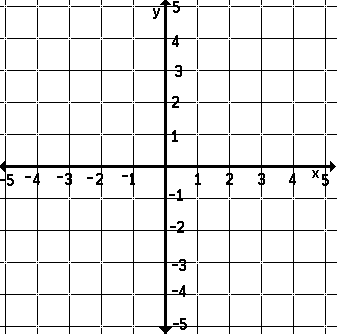
15.)  16.)  17.) 

Simplify each expression. (Standard- Multiplying and Dividing Integers)

18.)  19.)  20.) 

21.)  22.)  23.) 

24. & 25.) On the coordinate plane below, graph the following points. A (0, 2), B (4, -3), C (-2, -1), D (2, 3), E (2, 0) F (-5, 3).



List the quadrant that each point is in:

A: B: C: D: E: F:

26. & 27.) Name the Property in the following equations. (Zero Property of Multiplication, Commutative Property of Multiplication, Identity Property of Addition, Associative Property of Multiplication, Identity Property of Multiplication, Distributive Property, Commutative Property of Addition, Associative Property of Addition)

A.) (7 + 5) + 3 = (5 + 7) + 3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B.) (8 + 6) + 4 = 8 + (6 + 4)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D.) (3 + 7) + 2 = 3 + (7 + 2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E) 1*x* = *x*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F.) 8 + 0 = 8\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

G.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simplify the expression. (Standard- Distributive Property)

28.)  29.)  30.) 